# creditrisk monitor<sup>®</sup>

# HIGH RISK REPORT GOL LINHAS AEREAS INTELIGENTES S.A.

08/03/2020



CreditRiskMonitor's assessment of Gol Linhas Aereas Inteligentes S.A.'s ("Gol Linhas Aereas") "high risk" status has been determined by a combination of factors:

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### MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's proprietary FRISK® score signals that Gol Linhas Aereas (SAO: GOLL4) has a 10 to 50 times greater risk of bankruptcy than the average public company. The company's was mentioned in an airline industry research report published in May, 2020.

The company reported record net sales, however continued to report net losses and a steeper working capital deficit.

Executive management indicated that it would reduce flight capacity by 70-80% due the coronavirus pandemic.

The company grounded about 92% of its entire fleet since March and indicated a multi-million dollar daily cash burn rate.

			20	19				\		2020			
Business Name	J	A	S	0	N	D	J	F	M	A	M	J	J
Gol Linhas Aereas Inteligentes SA	3	3	3	3	2	2	2	2	1	1	1	1	1

The FRISK® score is 96% accurate\* in predicting the risk of corporate failure/bankruptcy over a 12-month horizon.
All FRISK® scores are recalculated every night for each subsequent 12-month period.

Gol Linhas Aereas' fleet, largely being made up of the Boeing 737 Max, was adversely impacted by "grounding" of the carrier. Moody's downgraded the company's corporate family rating from B1 to Caa1 and adjusted the outlook to negative.

#### FRISK® SCORE: PROBABILITY OF BANKRUPTCY WITHIN 12 MONTHS

	FRISK®	FROM	TO TO
0	10	0.00%	0.12%
BESI	9	0.12%	0.27%
	8	0.27%	0.34%
	7	0.34%	0.55%
	6	0.55%	0.87%
	5	0.87%	1.40%
	4	1.40%	2.10%
WORST	3	2.10%	4.00%
8	2	4.00%	9.99%
	1	9.99%	50.00%

While the risk of bankruptcy varies at each FRISK® score, 96% of public companies that eventually go bankrupt enter the FRISK® "red zone" prior to filing. A FRISK® score of 5 or less is an important warning sign.

<sup>\*</sup> FRISK® score accuracy of 96% is based on backtesting of U.S. public companies; results may vary by country.

#### THE FRISK® SCORE COMPONENTS

At the core of the CreditRiskMonitor® process is our 96% accurate FRISK® score, which indicates a company's level of financial stress on a scale of 1 to 10, based on the probability of bankruptcy over a 12-month horizon. When available, the FRISK® score incorporates a number of powerful risk indicators including:

A "Merton" type model using stock market capitalization and volatility Financial ratios, including those used in the Altman Z"-Score Model

Bond agency ratings from Moody's, Fitch, & DBRS Morningstar

## Crowdsourced CreditRiskMonitor® Usage Data

<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor® subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

The crowdsourcing advantage is even more powerful in our FRISK® score since many of the professionals who use our service are credit managers:

- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent non-disclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their own company's management and sales representatives to be alerted to concerns in a public company's performance
- It is commonly known credit managers confidentially share information with other credit managers, thus collectively, their behavior helps to provide advanced insight to financial problems in public companies

Read more in Credit Research Foundation's quarterly journal article, "Assessing Public Company Financial Risk by Crowdsourcing the Research of Credit Professionals"

#### COMPANY REPORT DETAIL



Praca Comandante Lineu Gomes S/N Portaria 3, Jardim Aeroporto SAO PAULO, 04.626-020 Brazil

Ticker: GOLL4

IN-DEPTH ANALYSIS!

Latest Financial Statements as of 3/31/2020

#### **Business Summary**

Phone: +55 1121284700

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Gol Linhas Aereas Inteligentes SA is a Brazil-based airline that provides scheduled air transportation for passengers and cargo to over 100 destinations in Brazil, South America, the Caribbean and the United States. The Company operates through two segments: Flight Transportation and Loyalty Program. The Flight Transportation segment operations originate from its subsidiary Gol Linhas Aereas SA (GLA) for the provision of air transportation services. This segment includes GOLLOG, the Company's cargo transportation and logistics business. The Firm operates a fleet of approximately 140 Boeing 737 aircrafts. The Loyalty program segment operations are represented by the SMILES coalition loyalty program, which enables clients to accumulate miles and redeem tickets for more than 700 locations worldwide.

Employees: 16,345 (as of 3/31/2020)

Incorporated: 3/12/2004

#### **Credit Score History**

#### Why are these scores different? FRISK® Score Analysis

		2019				2020							
Score/ Index	J	Α	S	0	N	D	J	F	M	Α	M	J	J
FRISK® Score*	3	3	3	3	2	2	2	2	1	1	1	1	1
DBT Index	9	9	9	9	9	9	9	9	8	7	6	6	DBT
Z"-Score	-	4.0	4		4.3	6		3.8	6		4.9	8	Z"

\*FRISK® Scores are month-end

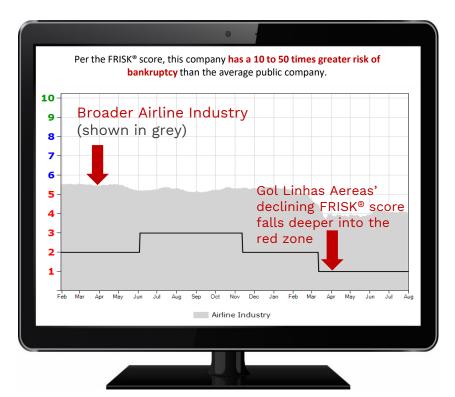
- Probability of bankruptcy within 12 months is 10% to 50%.
- Bonds are rated as non-investment grade ("junk") by 2 different rating agencies.
- Market Capitalization beautiful 120% over the last 120%
- Total I: The FRISK® score is
- a 96% accurate method by which to monitor public company bankruptcy risk.

Payment performance, captured by the Days Beyond Terms (DBT) index, which is very similar to D&B's PAYDEX® score, is not an effective indicator of financial stress for <u>publicly traded</u> companies since they often continue to pay on time right up until their bankruptcy filing. This is what's commonly called the "Cloaking Effect."

#### **Agency Credit Ratings**

Rating Agency	Long Term Rating	Outlook	Short Term Rating	W
Moody's	Caa1	Negative		(
<u>Fitch</u>	B-	Negative (likely downgrade)	NR	

#### FRISK® DEEP DIVE

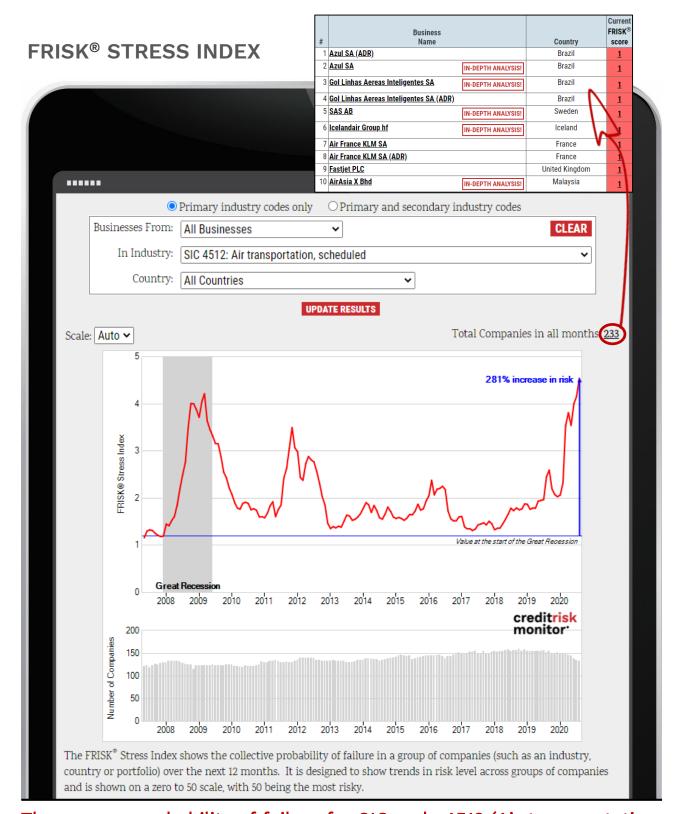


The FRISK® score relative to the broader Airline industry raises an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they face since stocks tend to be more liquid and faster moving than bond prices and ratings.

Gol Linhas Aereas' stock price volatility increased from a low to very high volatility trend during 2020. Additionally, its year-over-year market capitalization return shifted from positive to deeply negative, signaling a substantial loss of confidence by shareholders. Poor market performance in combination with other adverse signals pushed the FRISK® score to a bottom-rung "1."



The average probability of failure for SIC code 4512 (Air transportation, scheduled) has increased 281% since 2007. Gol Linhas Aereas is among the weakest names in the industry as evidenced by its FRISK® score of 1.

#### PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



Gol Linhas Aereas demonstrates bottom quartile ranking in key financial ratios (shown in red) versus its industry peers.

# **QUARTERLY PERFORMANCE RATIOS**

Significant volatility in sequential quarter net sales Net losses in four of the last five quarters and poor interest coverage

# Performance Ratios - Sequential Quarters (Thousands of Real)

	(Tho	usands of Real)			
	3 mos	3 mos	3 mos	3 mos	3 mos
Period Ended	6/30/2020	3/31/2020	12/31/2019	9/30/2019	6/30/2019
Net Sales	357,848	3,147,727	3,803,343	3,709,937	3,140,616
% change	-88.63%	-17.24%	2.52%	18.13%	-2.19%
Gross Margin	(144,158)	567,817	1,308,015	1,163,103	677,887
% change	-125.39%	-56.59%	12.46%	71.58%	-25.40%
% of sales	-40.28%	18.04%	34.39%	31.35%	21.58%
change as % of incremental sales	n/m	n/m	155.14%	85.23%	n/m
SG&A	359,850	465,488	759,293	574,089	477,387
% change	-22.69%	-38.69%	32.26%	20.26%	19.05%
% of sales	100.56%	14.79%	19.96%	15.47%	15.20%
change as % of incremental sales	n/m	n/m	198.28%	16.99%	n/m
Operating margin	(920,960)	443,150	694,677	612,974	318,878
% change	-307.82%	-36.21%	13.33%	92.23%	-37.01%
% of sales	-257.36%	14.08%	18.26%	16.52%	10.15%
change as % of incremental sales	n/m	n/m	87.47%	51.66%	n/m
EBITDA	(477,441)	876,710	1,687,449	998,353	680,415
% change % of sales	-154.46%	-48.05%	69.02%	46.73%	-20.49% 21.67%
	-133.42%	27.85%	44.37%	26.91% 55.85%	
change as % of incremental sales  EBIT	n/m	n/m	737.74%		n/m
	(967,986)	348,674	1,228,905	549,718	265,189
% change % of sales	-377.62%	-71.63%	123.55%	107.29%	-41.09% 8.44%
change as % of incremental sales	-270.50%	11.08% n/m	32.31% 727.13%	14.82% 49.98%	
Pre-tax income	n/m				n/m
	(1,993,980)	(2,218,193)	560,533	(177,477)	(99,226)
% change % of sales	10.11% -557.21%	-495.73% -70.47%	415.83%	-78.86% -4.78%	-194.40% -3.16%
change as % of incremental sales	-337.21% n/m	-70.47% n/m	14.74% 790.11%	-13.74%	-3.10% n/m
Net income (loss)	(1,996,913)	(2,288,269)	351,709	(242,052)	(194.623)
% change	12.73%	-750.61%	245.30%	-24.37%	-502.42%
% of sales	-558.03%	-72.70%	9.25%	-6.52%	-6.20%
change as % of incremental sales	n/m	n/m	635.68%	-8.33%	n/m
Tax expense	3,101	43,416	124,457	(6,357)	21,598
Effective tax rate	-0.16%	-1.96%	22.20%	3.58%	-21.77%
Depreciation expense	466,844	505,927	437,046	427,242	397,943
% of sales	130.46%	16.07%	11.49%	11.52%	12.67%
% of capital expenses	201.77%	164.31%	134.48%	161.67%	148.95%
% of PP&E, net (annualized)	31.72%	33.89%	29.56%	29.43%	27.32%
Capital expenditures	231,372	307,918	324,981	264,261	267,163
% change	-24.86%	-5.25%	22.98%	-1.09%	117.53%
% of PP&E, net (annualized)	15.72%	20.63%	21.98%	18.20%	18.34%
% of working capital (annualized)	-11.83%	-19.40%	-23.90%	-22.26%	-28.43%
Interest coverage ratio	(0.47)	0.34	2.52	1.37	1.87
			83.90%	-26,47%	-24,70%
% change	-236.25%	-86.47%	03.90%	-20.4/%	24.70%
	-236.25% (532,689)	-86.47% <b>782,687</b>	397,328	679,391	121,911
% change					
% change Free cash flow	(532,689)	782,687	397,328	679,391	121,911

## **QUARTERLY LEVERAGE RATIOS**

Total debt
increased by 40%
year-over-year and
debt exceeds total
assets, limiting
further borrowing
capacity

Tangible net worth decline rapidly widens by its accumulated deficit

# Leverage Ratios - Sequential Quarters

capacity	(Thousa	nds of Real)			
Period Ended	6/30/2020	3/31/2020	12/31/2019	9/30/2019	6/30/2019
Total debt	18,940,435	16,942,343	14,462,621	14,514,088	13,608,343
% change	11.79%	17.15%	-0.35%	6.66%	-0.55%
Stockholders' equity	(12,404,853)	(10,439,445)	(7,105,417)	(7,586,347)	(6,997,512)
% change	-18.83%	-46.92%	6.34%	-8.41%	-5.20%
Tangible net worth	(14,168,072)	(12,212,621)	(8,882,092)	(9,362,405)	(8,770,103)
% change	-16.01%	-37.50%	5.13%	-6.75%	-3.99%
Total assets	14,759,813	15,624,827	15,298,446	14,804,190	14,192,402
% change	-5.54%	2.13%	3.34%	4.31%	3.33%
Total debt to assets ratio	1.28	1.08	0.95	0.98	0.96
% change	18.34%	14.69%	-3.57%	2.25%	-3.76%
Tangible assets	12,996,594	13,851,651	13,521,771	13,028,132	12,419,811
% change	-6.17%	2.44%	3.79%	4.90%	3.91%
Short-term debt	6,080,663	4,989,870	3,947,751	3,811,287	2,459,228
% change	21.86%	26.40%	3.58%	54.98%	7.20%
Short-term debt % of total debt	32.10%	29.45%	27.30%	26.26%	18.07%
% change	9.00%	7.90%	3.95%	45.31%	7.80%
Short-term debt % of working capital	-72.48%	-68.70%	-72.63%	-70.04%	-60.66%
% change	-5.49%	5.41%	-3.71%	-15.45%	8.42%
Total liabilities	27,164,666	26,064,272	22,403,863	22,390,537	21,189,914
% change	4.22%	16.34%	0.06%	5.67%	3.94%
Total debt to EBITDA ratio (annualized)	n/a	4.83	2.14	3.63	5.00
% change	n/a	125.47%	-41.05%	-27.31%	25.07%
Source:	Interim P	4	ARS	Interim Report	Interim Report
	7 Short-t	erm debt	2/29/2020	11/1/2019	8/1/2019

increases to one-third of total debt, highlighting maturities over the next two years

# QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

Working capital greatly decreases	Liquidity Ra	atios - Seque		a	Meager ash, quick nd current ratios
Period Ended	6/30/2020	3/31/2020	12/31/2019	9/30/2019	6/30/2019
Current assets	3,902,284	4,871,612	4,927,377	4,887,903	4,406,754
% change	-19.90%	-1.13%	0.81%	10.92%	8.88%
% of short-term debt	64.18%	97.63%	124.81%	128.25%	179.19%
Current liabilities	12,291,791	12,134,440	10,362,600	10,329,860	8,460,625
% change	1.30%	17.10%	0.32%	22.09%	12.65%
Working capital	(8,389,507)	(7,262,828)	(5,435,223)	(5,441,957)	(4,053,871)
% change	-15.51%	-33.63%	0.12%	-34.24%	-17.05%
% of sales (annualized)	-586.11%	-57.68%	-35.73%	-36.67%	-32.27%
Cash	1,795,161	1,792,529	2,599,187	2,232,676	1,794,783
% change	0.15%	-31.04%	16.42%	24.40%	-19.72%
% of short-ter <u>m</u> debt	29.52%	35.92%	65.84%	58.58%	72.98%
Cash ratio	0.15	0.15	0.25	0.22	0.21
% change	-1.15%	-41.11%	16.06%	1.89%	-28.75%
Quick assets	2,331,303	2,584,370	3,828,717	3,410,662	3,077,072
% change	-9.79%	-32.50%	12.26%	10.84%	0.55%
% of short-term debt	38.34%	51.79%	96.98%	89.49%	125.12%
Quick ratio	0.19	0.21	0.37	0.33	0.36
% change	-10.94%	-42.35%	11.90%	-9.21%	-10.75%
Current ratio	0.32	0.40	0.48	0.47	0.52
% change	-20.92%	-15.56%	0.49%	-9.16%	-3.34%
Source:	Interim Report 7/31/2020	Interim Report 5/5/2020	ARS 2/29/2020	Interim Report 11/1/2019	Interim Report 8/1/2019

Poor eturns on								
tangible assets	Rate of Return - Sequential Quarters (Thousands of Real)							
Period Ended	3 mos 6/30/2020	3 mos 3/31/2020	3 mos 12/31/2019	3 mos 9/30/2019	3 mos 6/30/2019			
Return on total assets	-13.14%	-14.80%	2.34%	-1.67%	-1.39%			
% change	11.19%	-733.36%	239.96%	-19.78%	-420.07%			
Return on tangible assets	-14.88%	-16.72%	2.65%	-1.90%	-1.60%			
% change	11.03%	-731.04%	239.27%	-19.11%	-407.98%			
Source:	Interim Report 7/31/2020	Interim Report 5/5/2020	ARS 2/29/2020	Interim Report 11/1/2019	Interim Report 8/1/2019			

## YEAR OVER YEAR STATEMENT OF CASH FLOWS

Recurring net losses and limited free cash flow ant of Cash Flore	ws - Year-o	ver-Year -	Standardiz	re	Net-cash ending balance aches ne low
Period Ended	6 mos 6/30/2020	6 mos 6/30/2019	6 mos 6/30/2018	6 mos 6/30/2017	6 mos 6/30/2016
				Reclassified 6/30/2018	Restated 6/30/2017
Cash Flows from Operating Activities:					
Net income	(4,258,690)	(85,618)	(1,051,116)	(174,619)	1,066,645
Depreciation/depletion	1,018,581	820,803	315,648	225,564	224,914
Deferred taxes	10,664	15,864	27,624	(227,009)	4,183
Non-cash Items	4,588,953	860,919	1,452,309	497,971	(675,871)
Changes in working capital	(570,220)	(816,853)	31,430	141,875	(1,166,036)
Total cash from operating activities	789,288	795,115	775,895	463,782	(546,165)
Cash Flows from Investing Activities:					
Capital expenditures	(539,290)	(389,977)	(612,273)	(313,068)	(85,344)
Other investing cash flow items, total	(876,024)	(158,582)	(289,905)	255,868	925,670
Total cash from investing activities	(1,415,314)	(548,559)	(902,178)	(57,200)	840,326
Cash Flows from Financing Activities:					
Financing cash flow items	7,267	(381,739)		(240,200)	(154,357)
Issuance/retirement of stock, net	0	2,283		n/a	4,351
Issuance/retirement of debt, net	(778,588)	327,493		(130,259)	(590,855)
Total cash from financing activities	(771,321)			(370,459)	(740,861)
Foreign exchange effects	167,814			(29,619)	(18,603)
Net change in cash	(1,229,533)	170,298		6,504	(465,303)
Net cash-beginning balance	1,645,425	826,187	1,026,862	562,207	1,072,332
Net cash-ending balance	415,892	996,485	615,321	568,711	607,029
Supplemental Disclosures:					
Cash interest paid	281,153				344,268
Cash taxes paid, supplemental	29,176				94,366
Source:	Interim Report 7/31/2020	Interim Report 8/1/2019	Interim Report 8/2/2018	Interim Report 8/2/2018	Interim Report 8/9/2017

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CreditRiskMonitor® is a financial risk analysis and news service that helps credit, supply chain and financial professionals stay ahead of and manage risk quickly, accurately and cost effectively. More than 35% of the Fortune 1000, plus over a thousand other large corporations worldwide, rely on our financial risk coverage of over 56,000 global public companies.

CreditRiskMonitor's High Risk Reports feature companies that are exhibiting a significantly high level of financial distress, as indicated by our proprietary FRISK® score.

The ultimate goal of the High Risk Report series is two-part: provide an early warning for those doing business with an increasingly distressed company and inform of the many signals that should be examined when assessing financial risks.

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